

FIGURE 9

Sequence of the proximal Mda-5 promoter region and first exon

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GCACATTTTGGCCTACAAAGGACCTTATTGTTAAGGCAGAACCTGCTGGGAAAAACAAAT
1  -----+-----+-----+-----+-----+-----+-----+ 60

                                     EcoRI
                                     |
ATCCGCCGAGGAGCTTTGTAGAGCGTTGGTCTTGGTGTCTAGAGAGAATTCGCTTTTCCTT
61  -----+-----+-----+-----+-----+-----+-----+ 120

TTCTGTTTCCCGCGGTGTCCTTAACCAAAGGCCTCCTCTCTTCACCCGCCCCGACCAAAA
121 -----+-----+-----+-----+-----+-----+-----+ 180

GGTGGCGTCTCCCTGAGGAAACTCCCTCCCGCCAGGCAGATTACGTTTACAAAGTCCTG
181 -----+-----+-----+-----+-----+-----+-----+ 240

AGAAGAGAATCGAAACAGAAACCAAAGTCAGGCAAACCTCTGTAAGAACTGCCTGACAGAA
241 -----+-----+-----+-----+-----+-----+-----+ 300

AGCTGGACTCAAAGCTCCTACCCGAGTGTGCAGCAGGATCGCCCCGGTCCGGGACCCAG
301 -----+-----+-----+-----+-----+-----+-----+ 360

GCGCACACCGCAGAGTCCAAAGTGCCGCGCCTGCCGCGCCGACCTGCCTGCCGCGGCCCC
361 -----+-----+-----+-----+-----+-----+-----+ 420

GCGCGCCGCCCCGCTGCCACCTGCCCGCCTGCCACCTGCCAGGTGCGAGTGCAGCCCC
421 -----+-----+-----+-----+-----+-----+-----+ 480

CGCGCGCCGGCCTGAGAGCCCTGTGGACAACCTCGTCATTGTCAGGCACAGAGCGGTAGA
481 -----+-----+-----+-----+-----+-----+-----+ 540

CCCTGCTTCTNTAAGTGGGCAGCGGACAGCGGCACGCACATTTACCTGTCCCGCAGACA
541 -----+-----+-----+-----+-----+-----+-----+ 600

      BstXI
      |
ACAGCACCATCTGCTTGGGAGAACCCTCTCCCTTCTCTGAGAAAGAAAGATGTCGAATGG
601 -----+-----+-----+-----+-----+-----+-----+ 660

GTATTCCACAGACGAGAATTTCCGCTATCTCATCTCGTGCTTCAGGGCCAGGGTGAAAAT
661 -----+-----+-----+-----+-----+-----+-----+ 720

GTACATCCAGGTGGAGCCTGTGCTGGACTACCTGACCTTTCTGCCTGCAGAGGTGAAGGA
721 -----+-----+-----+-----+-----+-----+-----+ 780

GCAGATTCAGAGGACAGTCGCCACCTCCGGGAACATGCAGGCAGTTGAACTGCTGCTGAG
781 -----+-----+-----+-----+-----+-----+-----+ 840

                                     EcoRI
                                     |
CACCTTGGAGAAGGGAGTCTGGCACCTTGGTTGGACTCGGGAATTCGTGGAGGCCCTCCG
841 -----+-----+-----+-----+-----+-----+-----+ 900

                                     SacI
                                     |
GAGAACCGGCAGCCCTCTGGCCGCCCCGCTACATGAACCCTGAGCTCACGGACTTGCCCTC
901 -----+-----+-----+-----+-----+-----+-----+ 960

TCCATCGTTTGAGAACGCTCATGATGAATATCTCCAACCTGCTGAACCTCCTTCAGCCCAC
961 -----+-----+-----+-----+-----+-----+-----+ 1020

      HindIII
      |
      BstXI
      |
TCTGGTGGACAAGCTT
1021 -----+----- 1036

```

Figure 10

Figure 11

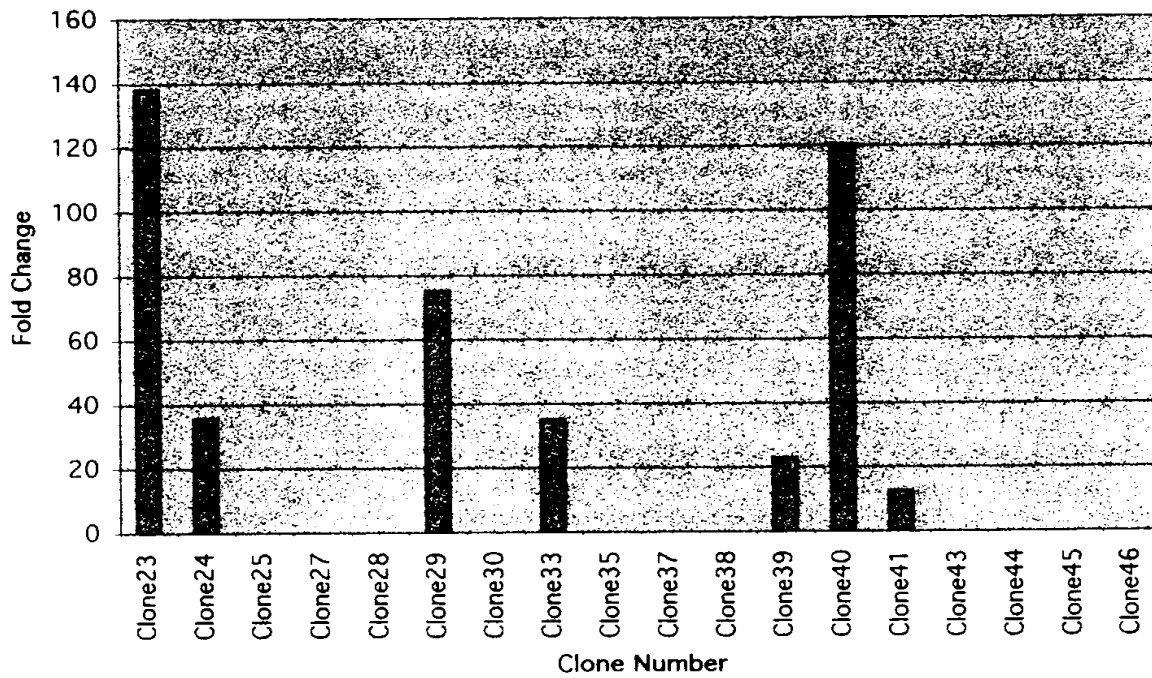
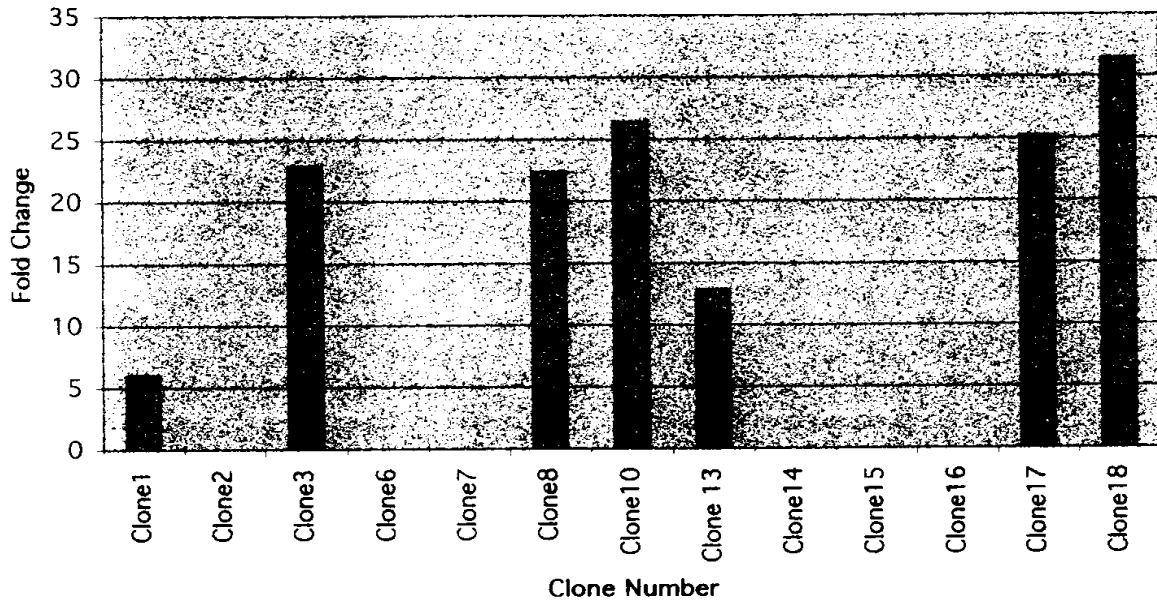


Figure 12

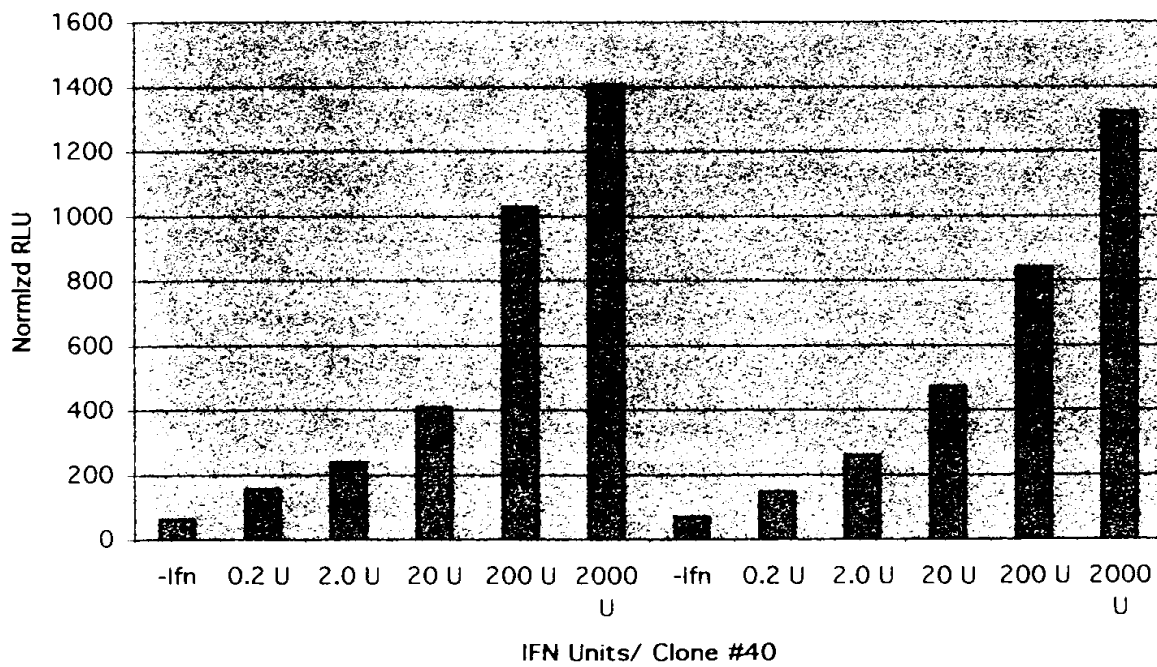
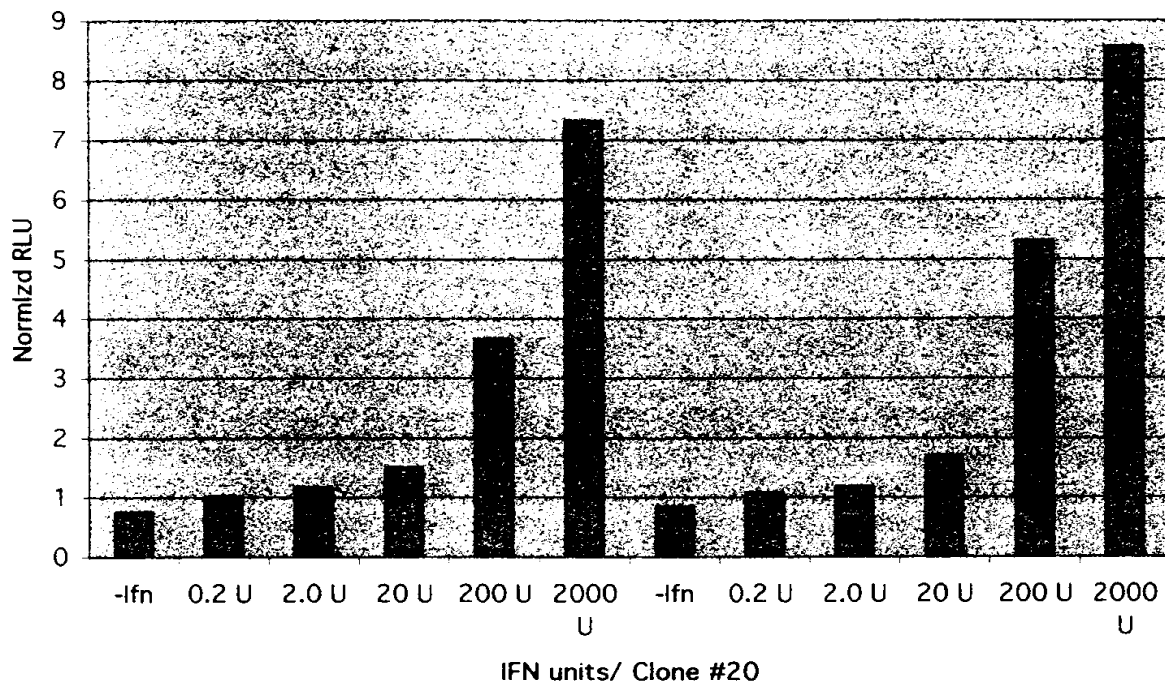


Figure 13

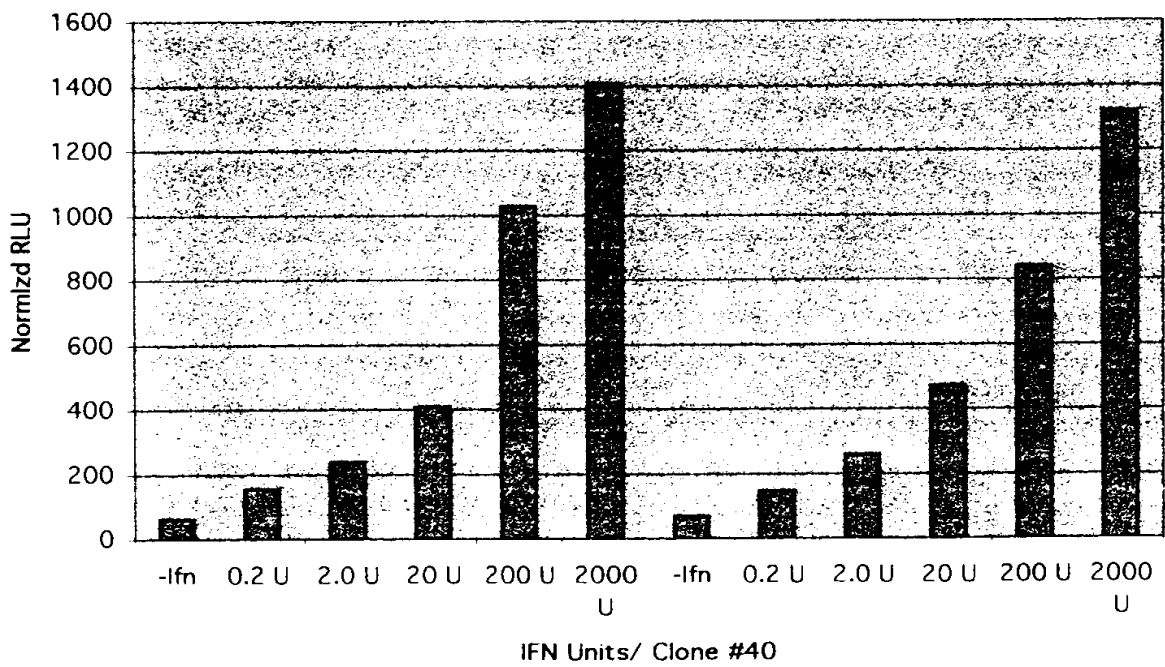
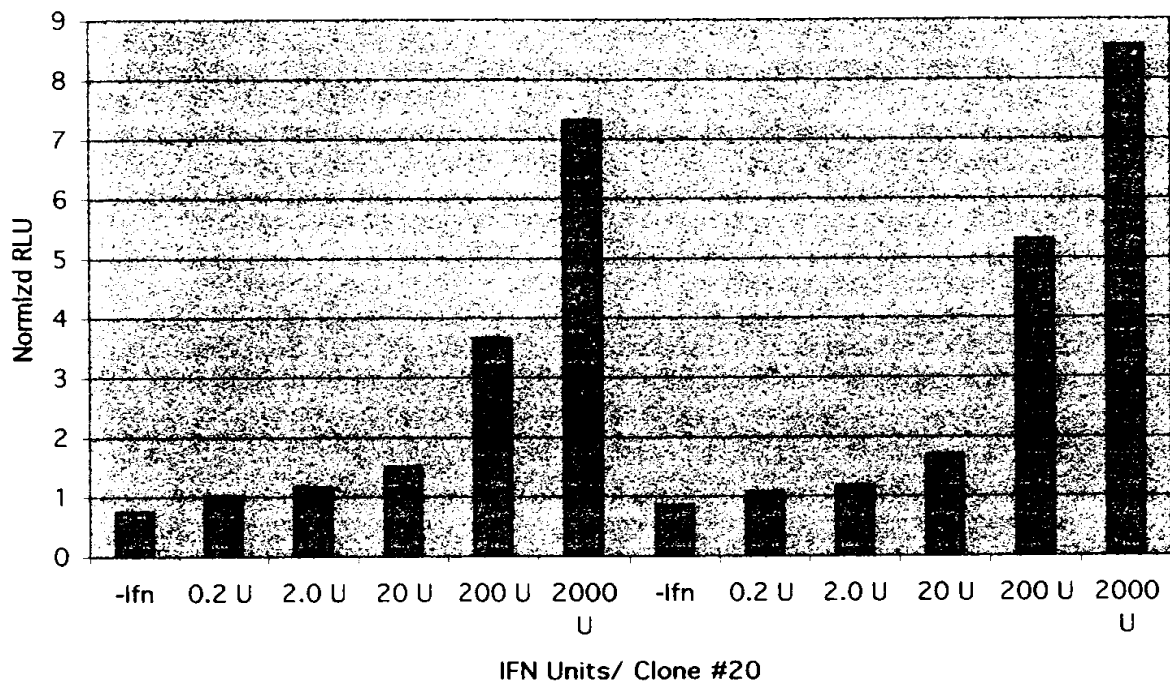
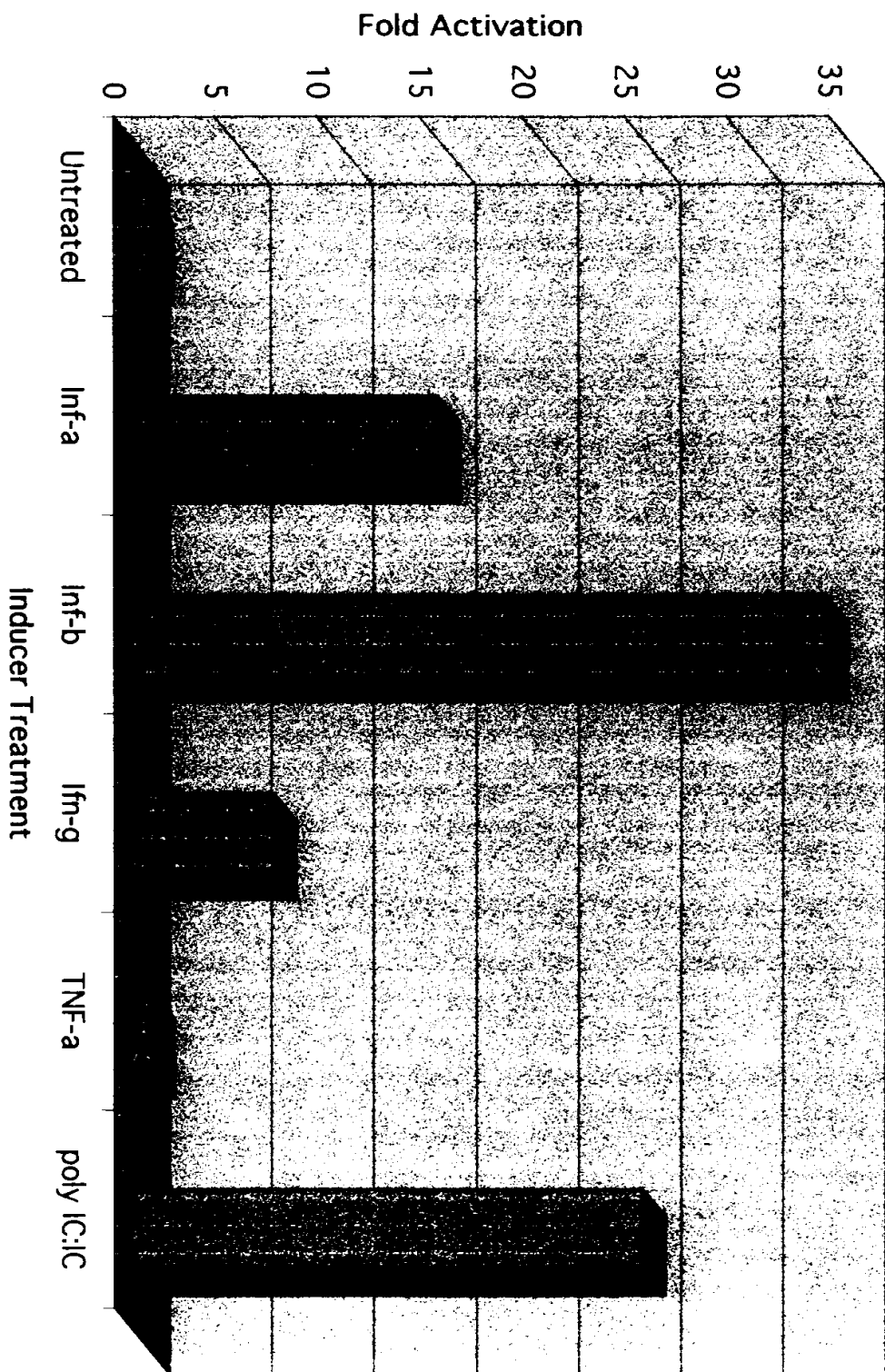


Figure 14 A



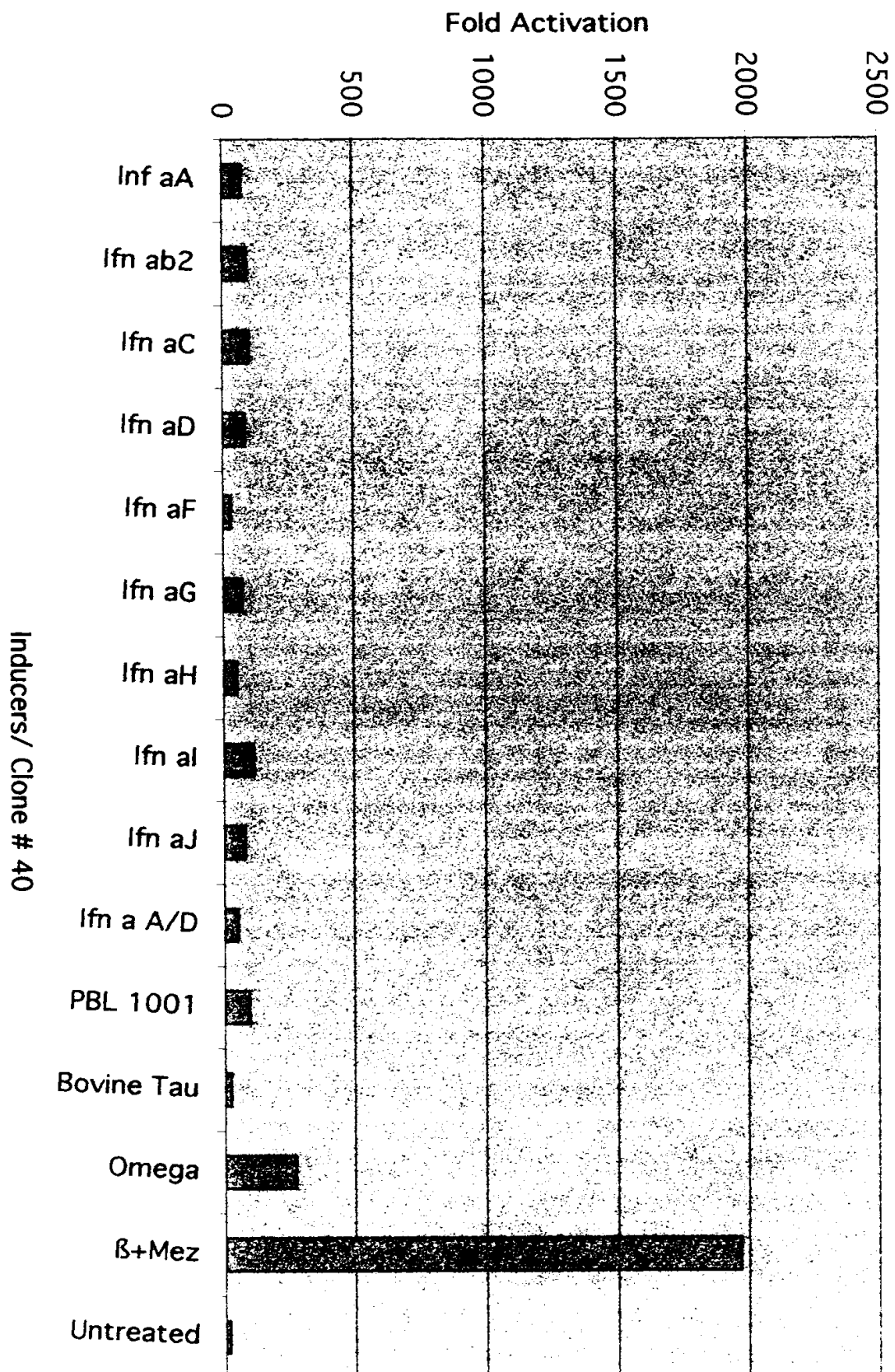


Figure 14B

Figure 15

